

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A pressure-sensitive adhesive sheet comprising:
a composite film comprised by a composition containing a urethane polymer and an acrylic polymer as effective components;
a first film comprising a material different from that of the composite film, the first film laminated on one side of the composite film; ~~and~~
a pressure-sensitive adhesive layer formed on the other side of the composite film,
wherein the first film is made of at least one resin selected from the group consisting of polyethylene terephthalate, polyethylene, polypropylene, polyimides, polyether ether ketones, polyvinyl chloride resins, polyvinylidene chloride resins, polyamide resins, and polycarbonate resins,
wherein the pressure-sensitive adhesive sheet has a modulus of 9 N/mm² or more and 250 N/mm² or less when an oblong piece of the pressure-sensitive adhesive sheet with a width of 20 mm is bent at a radius of curvature of 3.0 mm, ~~and~~
wherein the pressure-sensitive adhesive sheet is used during a process of processing a semiconductor product.

2. (original): The pressure-sensitive adhesive sheet as claimed in claim 1, wherein the pressure-sensitive adhesive sheet has a modulus of 15 N/mm² or more and 250 N/mm² or less when an oblong piece of the pressure-sensitive adhesive sheet with a width of 20 mm is bent at a radius of curvature of 3.0 mm.

3. (canceled).

4. (previously presented): The pressure-sensitive adhesive sheet as claimed in claim 1, wherein the composite film comprises a film obtained by reacting a polyol and a polyisocyanate in a radical polymerizable monomer to form a urethane polymer, coating a mixture of the urethane polymer and the radical polymerizable monomer on the first film and irradiating a radiation onto the coating to cure it.

5. (original): The pressure-sensitive adhesive sheet as claimed in claim 4, wherein the radical polymerizable monomer is an acrylic monomer.

6. (original): The pressure-sensitive adhesive sheet as claimed in claim 1, wherein the composite film has a storage modulus at 25°C of less than 2.0×10^8 Pa and a storage modulus at 100°C of 3.0×10^5 Pa or more.

7. (original): pressure-sensitive adhesive sheet as claimed in claim 6, wherein the first film has a storage modulus at 25°C of 2.0×10^8 Pa or more.

8. (original): The pressure-sensitive adhesive sheet as claimed in claim 7, wherein the first film has a thickness (t_1) of 10 μm or more and 200 μm or less and the composite film has a thickness (t_2) of 10 μm or more and 300 μm or less, and wherein a ratio of the thicknesses (t_1/t_2) is $t_1/t_2 = 0.1$ to 10.

9. (canceled).

10. (original): The pressure-sensitive adhesive sheet as claimed in claim 1, wherein the first film has a thickness (t_1) of 10 μm or more and 200 μm or less and the composite film has a thickness (t_2) of 10 μm or more and 300 μm or less, and wherein a ratio of the thicknesses (t_1/t_2) is $t_1/t_2 = 0.1$ to 10.

11. - 19. (cancelled).